
FORWARD

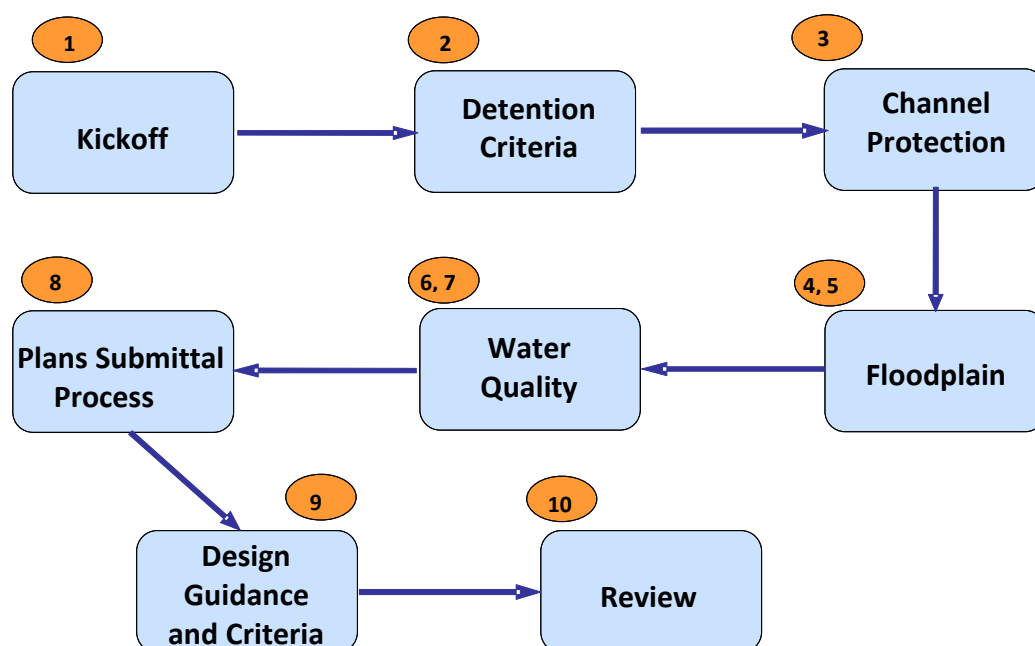
Preface

The recognition that a regional approach is needed to address regional storm water issues led the City of Wichita and Sedgwick County to create the Storm Water Manual. A pressing need to manage both storm water quantity and quality became apparent with the requirements from the National Pollutant Discharge Elimination System (NPDES) municipal and industrial permits, Total Maximum Daily Loads (TMDL) reduction targets, watershed assessments, as well as the desire to protect human life, property, aquatic habitats and the quality of life in our communities. To do this, it will be important that the citizens, land owners and business owners in the region view storm water, not as a waste that requires disposal, but as an important resource and opportunity for enhancement of our region.

A primary goal of the Storm Water Manual is to provide the policies and technical standards to implement a consistent and effective approach for storm water management in the City of Wichita and Sedgwick County. In support of this goal, the Manual provides a comprehensive approach to storm water management that integrates drainage design (i.e., the movement of storm water over land) and the control of both storm water quantity and quality.

Acknowledgements

The Storm Water Manual was developed in a collaborative effort between the City of Wichita and Sedgwick County. Over the course of ten meetings held in 2008 and 2009, a Technical Advisory Committee (TAC) followed the meeting “roadmap” presented in the following graphic in order to understand the storm water management issues that face this region, and to make recommendations on regional storm water regulations and policies. The TAC meetings were open to the public.



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Thank you to the many people who provided input on regional storm water management during the TAC process. The TAC Team Members that dedicated their time and advice to this process are listed below.

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Rob Stutzman	NRCS
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INTRODUCTION AND PURPOSE

Objective of the Manual

The objective of the Storm Water Manual (the Manual) is to provide a consistent set of policies and technical standards for the management of storm water runoff on and from new developments and redevelopments. The policies and standards presented in this Manual are consistent with, and were developed in support of, the storm water management and floodplain ordinances adopted by the City of Wichita (City) and Sedgwick County (the County). Toward this end, the manual addresses drainage design, water quantity controls (i.e., detention facilities), structural (i.e., constructed) and non-structural (i.e., planning) controls for water quality, and regulatory controls on development in floodplains.

The manual is not intended to address regional flood control initiatives such as watershed comprehensive master plans and the local flood control infrastructure and levee system. The focus of this manual is on the management of storm water runoff from new developments and redevelopments.

Organization of the Manual

The Storm Water Manual is organized as a three volume set:

Volume 1 - Policy

Volume 2 - Technical Guidance

Volume 3 – Plan Preparation Guidance

Volume 1 provides a basic understanding of the regional storm water management issues and needs and the regulations that drive the need for a consistent and comprehensive management approach. This volume also provides policy statements to support and further clarify the regulatory language contained in the City and County storm water management and floodplain ordinances. Policy statements included in Volume 1 address storm water design, detention, water quality control, channel protection, site design practices, and floodplain management.

Volume 2 provides the technical design standards, criteria and calculation methods to be used to implement the design, inspection and maintenance of storm water management controls. The information provided in Volume 2 is guidance that is provided in support of City and County stormwater management and floodplain ordinances and the policies presented in Volume 1, and therefore must be used in order to comply with local storm water management requirements.

INTRODUCTION AND PURPOSE

Volume 3 provides the administrative procedures that must be followed during the design, construction and maintenance of a development or redevelopment. Process flow charts and checklists are provided to aid the developer and designer throughout the process.

Regulatory Status of the Manual

The Storm Water Manual will be used by the City of Wichita and Sedgwick County as a tool to help manage and regulate storm water and floodplains within these jurisdictions. The manual can be applied in a regulatory capacity through:

- ordinances and rules established by the City of Wichita and/or Sedgwick County;
- applicable permits and other authorizations issued by local, state and federal agencies.

How to Get Printed Copies of the Manual

Printed copies of the Storm Water Manual, or CD copies, can be ordered by calling 316-###-#### or ordered online at the following Internet address:

<http://www.appropriatewebsite.com>

How to Find the Manual on the Internet

The Storm Water Manual is available in Adobe Acrobat PDF document format for download at the following Internet address:

<http://www.appropriatewebsite.com>

Contact Information

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